



**the hallicrafters co.**  
MANUFACTURERS OF COMMUNICATIONS EQUIPMENT

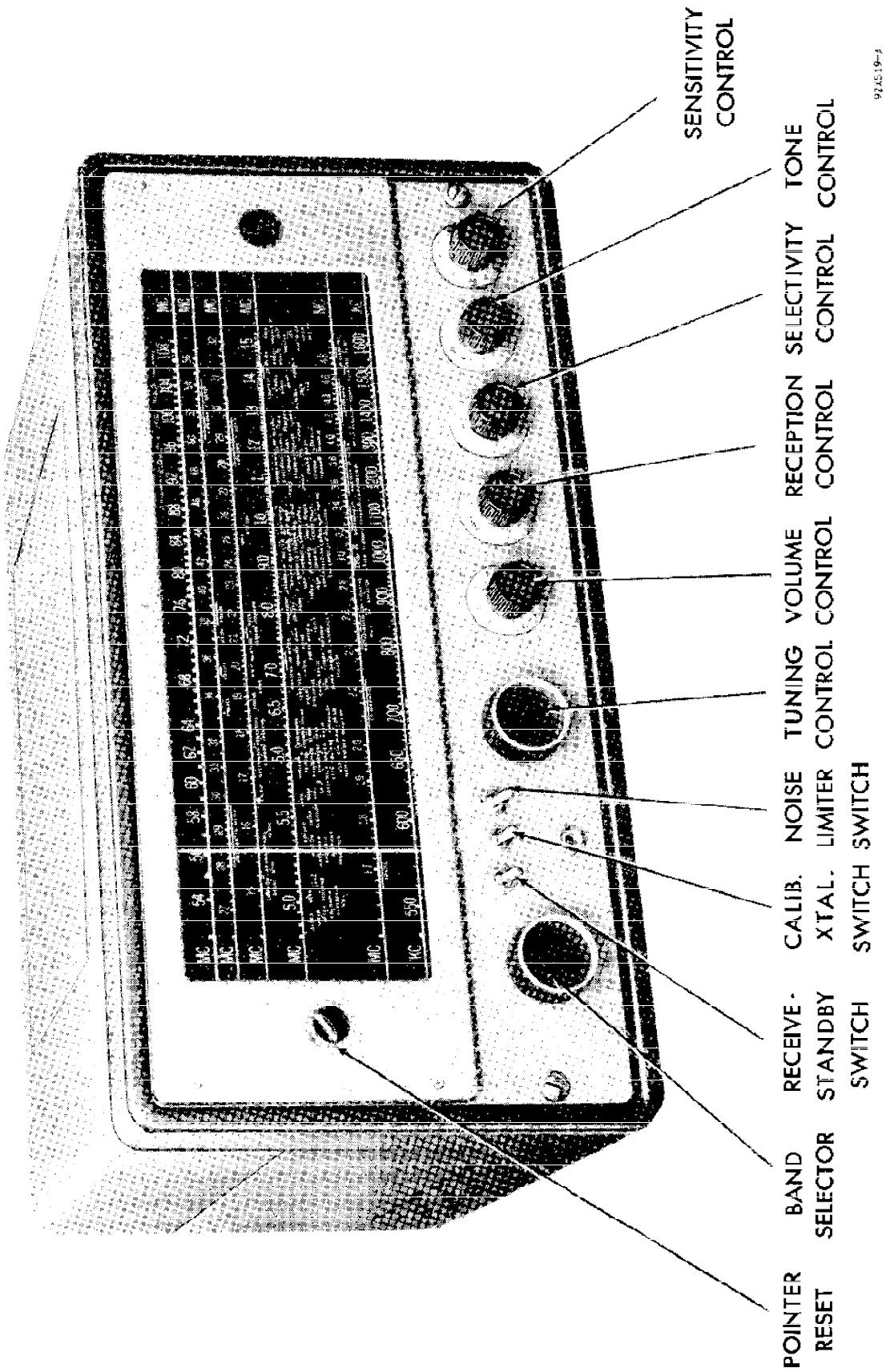
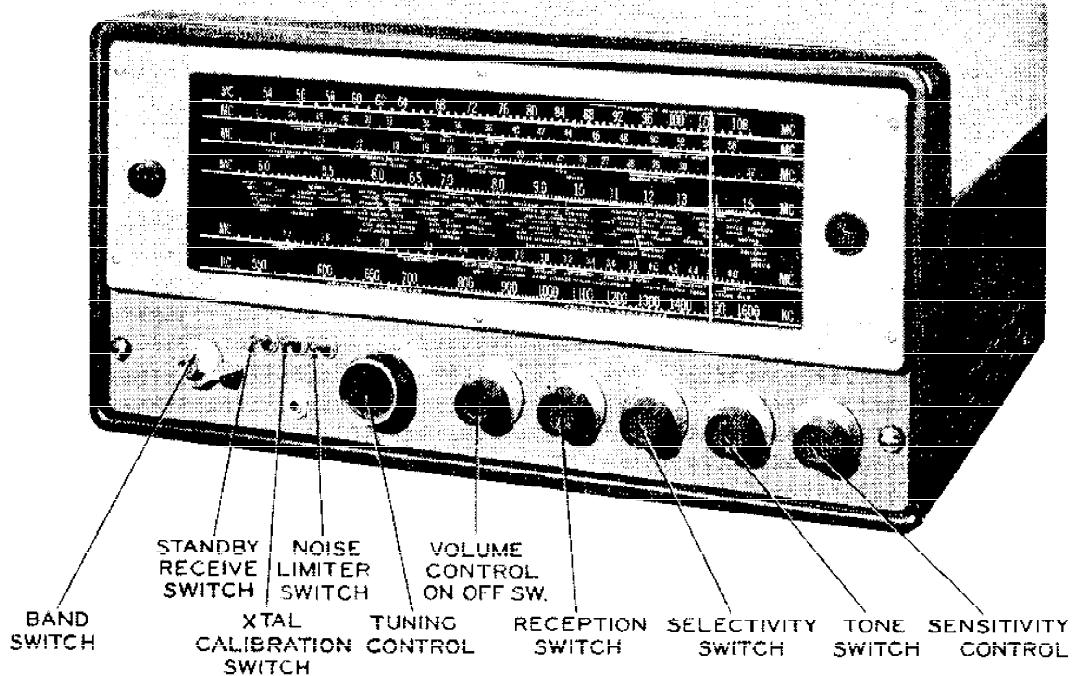


Fig. 1. Radio Receiver Model SX-62/62H

92A519-1

**PHOTOFACT<sup>\*</sup> Folder**

**HALICRAFTERS  
MODEL SX-62**



**HALICRAFTERS MODEL SX-62**

TRADE NAME Hallicrafters, Model SX-62

MANUFACTURER The Hallicrafters Co., 5th & Kostner Avenues, Chicago 24, Illinois

TYPE SET AC Operated Multi-Band AM-FM Superheterodyne Receiver

TUBES(SIXTEEN) Types 6C4 XTAL Calib. Osc., 6AC5 1st RF Amp., 6AC5 2nd RF Amp., RFB Converter, 6SK7 1st IF Amp., 6SC7 2nd IF Amp., 757 3rd IF Amp., 7W7 4th FM IF AMP.-AM DET-AVC, 6H6 Discriminator, 744 CW Beat Osc. 6H6 Noise Limiter, 6SLVGT AF-Phase Inv. (2) 6V6GT Power Output, 6B3/VR 150 Voltage Regulator, 6XAG Rectifier

POWER SUPPLY 105-125 Volts AC RATING .198 Amp., @ 117 Volts AC

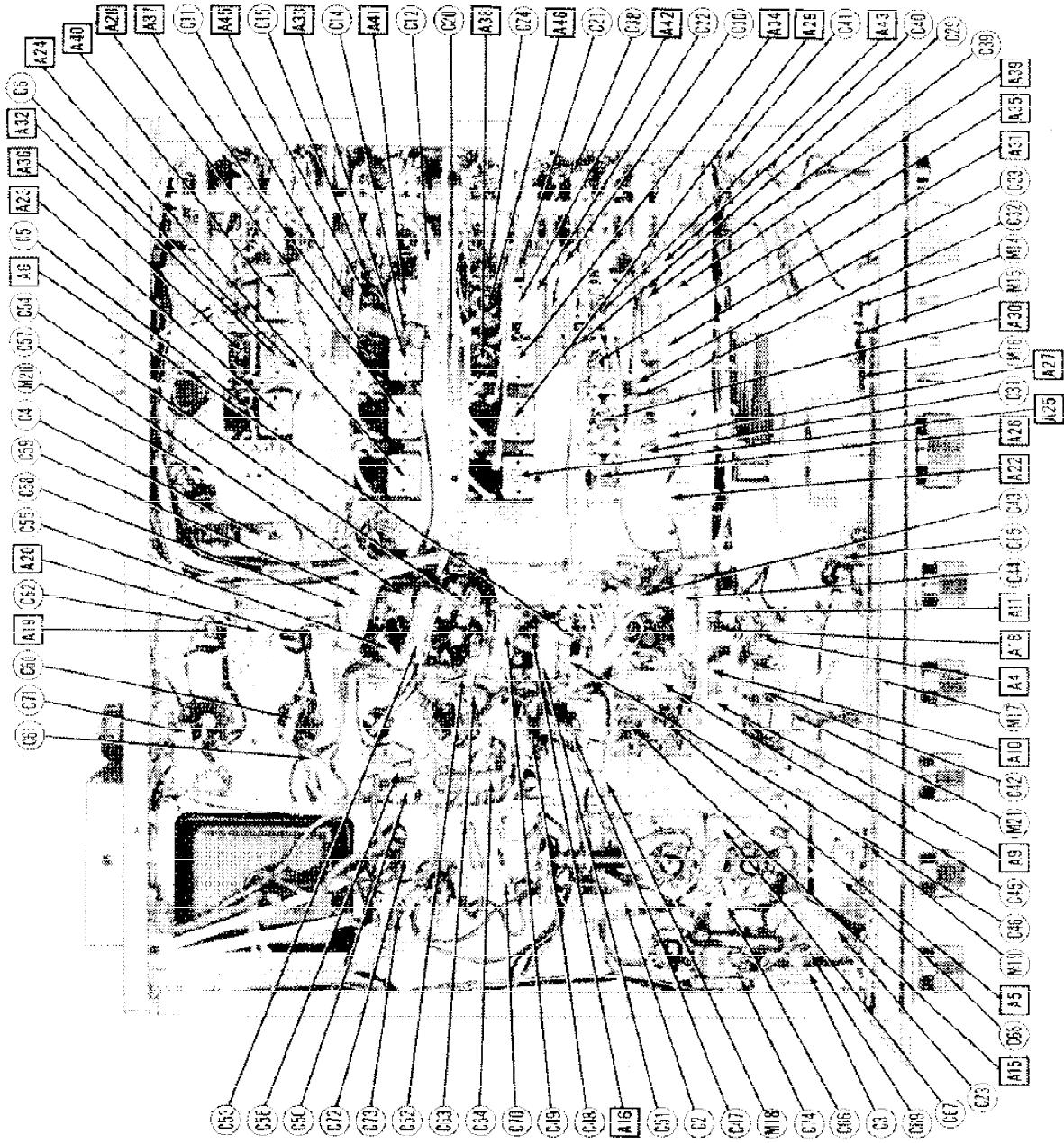
TUNING RANGE Band #1 550-1620KC, Band #2 1.63-1.9MC, Band #3 4.3-15MC, Band #4 15-32MC, Band #5 27-56MC AM-FM, Band #6 54-100MC AM-FM.

**HALICRAFTERS  
MODEL SX-62**

**HOWARD W. SAMS & CO., INC. • Indianapolis Indiana**

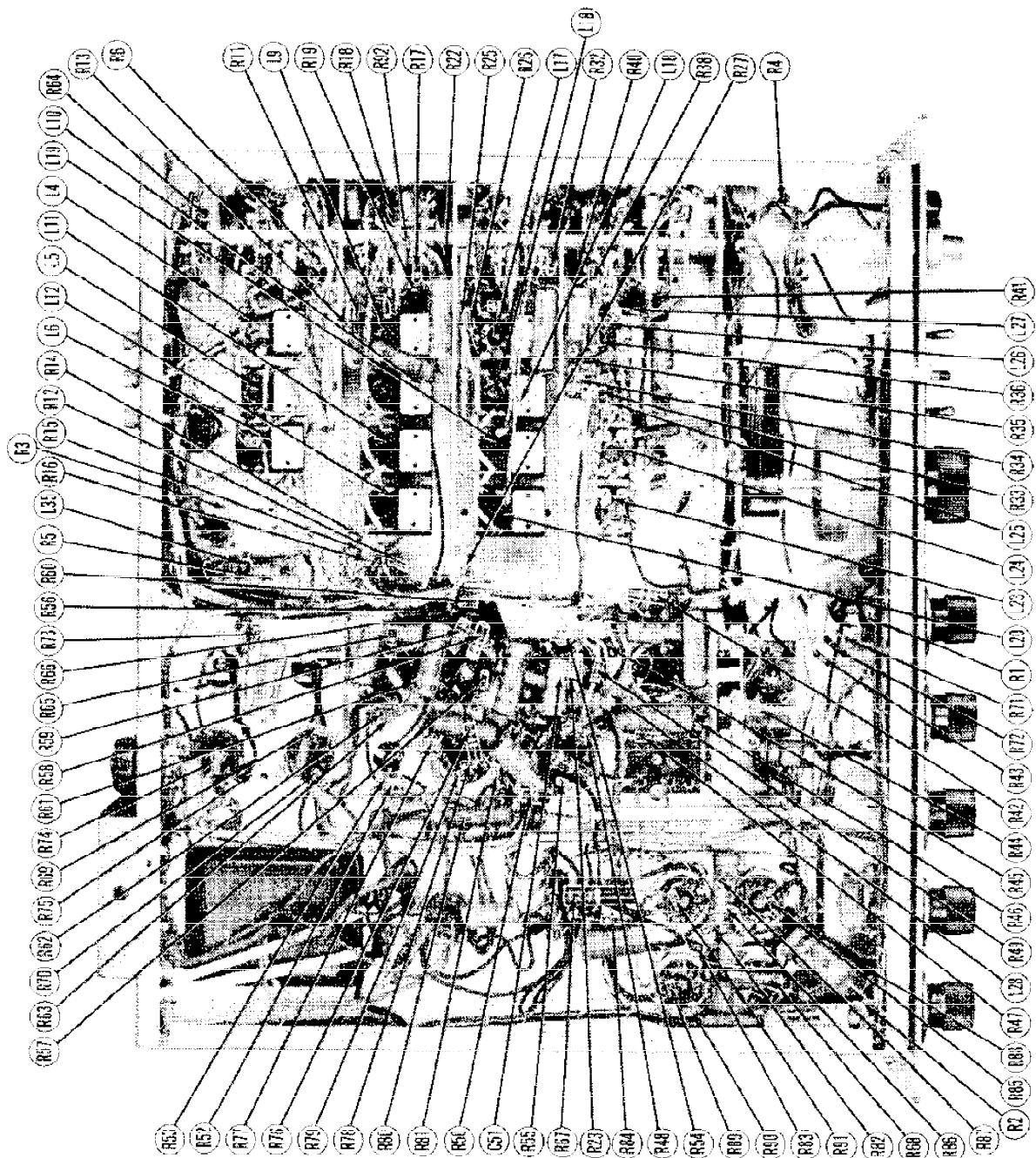
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**HALICRAFTERS  
MODEL SX-52**

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## PARTS LIST AND DESCRIPTIONS

### TUBES (SYLVANIA or Equivalent)

## PARTS LIST AND DESCRIPTIONS (Continued)

ITEM No.	USE	REPLACEMENT DATA		NOTES
		ITEM No.	USE	
V1	Var. Estab. 500	564	524	
V2	500 2nd AF Amt.	563b	525	
V5	2nd AF Amt.	563b	525	
V6	Converter	778	635	
V6	1st AF Amt.	689Y	635Y	
V6	2nd AF Amt.	689Y	635Y	
V7	500 2nd AF Amt.	717	537	
V7	AF PK 150, 100%	717	537	
V8	1st AF Amt.	717	537	
V9	Diode Rectifier	616	616	
V10	Diode Rectifier	714	714	
V11	Var. Estab. 500	616	525	
V12	Var. Estab. 500	616	525	
V13	Phono Amp.	616-737	525-737	
V14	Power Control	616C	525C	
V15	Power Cut-off	616C	525C	
V16	Voltage Regulator	700	500	
V17	Voltmeter	700	500	
V18	500	500	500	
V19	500	500	500	
V20	500	500	500	
V21	500	500	500	
V22	500	500	500	
V23	500	500	500	
V24	500	500	500	
V25	500	500	500	
V26	500	500	500	
V27	500	500	500	
V28	500	500	500	
V29	500	500	500	
V30	500	500	500	
V31	500	500	500	
V32	500	500	500	
V33	500	500	500	
V34	500	500	500	
V35	500	500	500	
V36	500	500	500	
V37	500	500	500	
V38	500	500	500	
V39	500	500	500	
V40	500	500	500	
V41	500	500	500	
V42	500	500	500	
V43	500	500	500	
V44	500	500	500	
V45	500	500	500	
V46	500	500	500	
V47	500	500	500	
V48	500	500	500	
V49	500	500	500	
V50	500	500	500	
V51	500	500	500	
V52	500	500	500	
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V54	500	500	500	
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V63	500	500	500	
V64	500	500	500	
V65	500	500	500	
V66	500	500	500	
V67	500	500	500	
V68	500	500	500	
V69	500	500	500	
V70	500	500	500	
V71	500	500	500	
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V73	500	500	500	
V74	500	500	500	
V75	500	500	500	
V76	500	500	500	
V77	500	500	500	
V78	500	500	500	
V79	500	500	500	
V80	500	500	500	
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V82	500	500	500	
V83	500	500	500	
V84	500	500	500	
V85	500	500	500	
V86	500	500	500	
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V100	500	500	500	
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V106	500	500	500	
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V109	500	500	500	
V110	500	500	500	
V111	500	500	500	
V112	500	500	500	
V113	500	500	500	
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V116	500	500	500	
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V118	500	500	500	
V119	500	500	500	
V120	500	500	500	
V121	500	500	500	
V122	500	500	500	
V123	500	500	500	
V124	500	500	500	
V125	500	500	500	
V126	500	500	500	
V127	500	500	500	
V128	500	500	500	
V129	500	500	500	
V130	500	500	500	
V131	500	500	500	
V132	500	500	500	
V133	500	500	500	
V134	500	500	500	
V135	500	500	500	
V136	500	500	500	
V137	500	500	500	
V138	500	500	500	
V139	500	500	500	
V140	500	500	500	
V141	500	500	500	
V142	500	500	500	
V143	500	500	500	
V144	500	500	500	
V145	500	500	500	
V146	500	500	500	
V147	500	500	500	
V148	500	500	500	
V149	500	500	500	
V150	500	500	500	
V151	500	500	500	
V152	500	500	500	
V153	500	500	500	
V154	500	500	500	
V155	500	500	500	
V156	500	500	500	
V157	500	500	500	
V158	500	500	500	
V159	500	500	500	
V160	500	500	500	
V161	500	500	500	
V162	500	500	500	
V163	500	500	500	
V164	500	500	500	
V165	500	500	500	
V166	500	500	500	
V167	500	500	500	
V168	500	500	500	
V169	500	500	500	
V170	500	500	500	
V171	500	500	500	
V172	500	500	500	
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V175	500	500	500	
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V213	500	500	500	
V214	500	500	500	
V215	500	500	500	
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V235	500	500	500	
V236	500	500	500	
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V239	500	500	500	
V240	500	500	500	
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V242	500	500	500	
V243	500	500	500	
V244	500	500	500	
V245	500	500	500	
V246	500	500	500	
V247	500	500	500	
V248	500	500	500	
V249	500	500	500	
V250	500	500	500	
V251	500	500	500	
V252	500	500	500	
V253	500	500	500	
V254	500	500	500	
V255	500	500	500	
V256	500	500	500	
V257	500	500	500	
V258	500	500	500	
V259	500	500	500	
V260	500	500	500	
V261	500	500	500	
V262	500	500	500	
V263	500	500	500	
V264	500	500	500	
V265	500	500	500	
V266	500	500	500	
V267	500	500	500	
V268	500	500	500	
V269	500	500	500	
V270	500	500	500	
V271	500	500		



## PARTS LIST AND DESCRIPTIONS (Continued)

### DIAL LIGHTS

ITEM No.	BASE TYPE	VOLTS	AMPS.	BEAD COLOR	REMARKS/COMPONENT DATA		NOTES
					HARDWARE	PART NO.	
124	Sayl direct	5-15V	C, R5A	Blue			Spine #64
<b>MISCELLANEOUS</b>							
ITEM No.	PART NAME	ITEM NO.	PART NO.	NOTES			
125	Switch	125	125-229	Ex-125			
126	"	126	126-152	Safety			
128	"	128	128-136	Final, Cathode			
129	"	129	129-136	Final, Line			
130	"	130	130-230	Power Grid			
131	"	131	131-230	Electron Gun			
132	"	132	132-230	Def.			
133	"	133	133-230	Grid			
134	Opalite	134	94-238	Opalite			
135	"	135	135-230	Opalite			
136	Front Face Glass	136	495-134	Front Face Glass			
137	"	137	495-179	Front Face Glass			
138	"	138	442-154	Front Face Glass			
139	"	139	442-156	Front Face Glass			
140	"	140	442-158	Front Face Glass			
141	"	141	442-159	Front Face Glass			
142	"	142	442-160	Front Face Glass			
143	"	143	442-161	Front Face Glass			
144	Trimmers	144	444-247	444-247			
145	Diodes	145	444-248	444-248			
146	Dial Position	146	444-249	444-249			
147	"	147	444-250	444-250			
148	"	148	444-251	444-251			
149	"	149	444-252	444-252			
150	"	150	444-253	444-253			
151	"	151	444-254	444-254			
152	"	152	444-255	444-255			
153	"	153	444-256	444-256			
154	"	154	444-257	444-257			
155	"	155	444-258	444-258			
156	"	156	444-259	444-259			
157	"	157	444-260	444-260			
158	"	158	444-261	444-261			
159	"	159	444-262	444-262			
160	"	160	444-263	444-263			
161	"	161	444-264	444-264			
162	"	162	444-265	444-265			
<b>LENS</b>							
163	Front Lens	163	154-002	Front Lens			
164	"	164	154-003	Front Lens			
165	"	165	154-004	Front Lens			
166	"	166	154-005	Front Lens			
167	"	167	154-006	Front Lens			
168	"	168	154-007	Front Lens			
<b>REFLECTOR</b>							
169	Front Reflector	169	154-008	Front Reflector			
170	"	170	154-009	Front Reflector			
171	"	171	154-010	Front Reflector			
<b>SHIELD</b>							
172	Front Shield	172	154-011	Front Shield			
173	"	173	154-012	Front Shield			
174	"	174	154-013	Front Shield			
175	"	175	154-014	Front Shield			
176	"	176	154-015	Front Shield			
177	"	177	154-016	Front Shield			
178	"	178	154-017	Front Shield			
179	"	179	154-018	Front Shield			
180	"	180	154-019	Front Shield			
181	"	181	154-020	Front Shield			
182	"	182	154-021	Front Shield			
183	"	183	154-022	Front Shield			
184	"	184	154-023	Front Shield			
185	"	185	154-024	Front Shield			
186	"	186	154-025	Front Shield			
187	"	187	154-026	Front Shield			
188	"	188	154-027	Front Shield			
189	"	189	154-028	Front Shield			
190	"	190	154-029	Front Shield			
191	"	191	154-030	Front Shield			
192	"	192	154-031	Front Shield			
193	"	193	154-032	Front Shield			
194	"	194	154-033	Front Shield			
195	"	195	154-034	Front Shield			
196	"	196	154-035	Front Shield			
197	"	197	154-036	Front Shield			
198	"	198	154-037	Front Shield			
199	"	199	154-038	Front Shield			
200	"	200	154-039	Front Shield			
201	"	201	154-040	Front Shield			
202	"	202	154-041	Front Shield			
203	"	203	154-042	Front Shield			
204	"	204	154-043	Front Shield			
205	"	205	154-044	Front Shield			
206	"	206	154-045	Front Shield			
207	"	207	154-046	Front Shield			
208	"	208	154-047	Front Shield			
209	"	209	154-048	Front Shield			
210	"	210	154-049	Front Shield			
211	"	211	154-050	Front Shield			
212	"	212	154-051	Front Shield			
213	"	213	154-052	Front Shield			
214	"	214	154-053	Front Shield			
215	"	215	154-054	Front Shield			
216	"	216	154-055	Front Shield			
217	"	217	154-056	Front Shield			
218	"	218	154-057	Front Shield			
219	"	219	154-058	Front Shield			
220	"	220	154-059	Front Shield			
221	"	221	154-060	Front Shield			
222	"	222	154-061	Front Shield			
223	"	223	154-062	Front Shield			
224	"	224	154-063	Front Shield			
225	"	225	154-064	Front Shield			
226	"	226	154-065	Front Shield			
227	"	227	154-066	Front Shield			
228	"	228	154-067	Front Shield			
229	"	229	154-068	Front Shield			
230	"	230	154-069	Front Shield			
231	"	231	154-070	Front Shield			
232	"	232	154-071	Front Shield			
233	"	233	154-072	Front Shield			
234	"	234	154-073	Front Shield			
235	"	235	154-074	Front Shield			
236	"	236	154-075	Front Shield			
237	"	237	154-076	Front Shield			
238	"	238	154-077	Front Shield			
239	"	239	154-078	Front Shield			
240	"	240	154-079	Front Shield			
241	"	241	154-080	Front Shield			
242	"	242	154-081	Front Shield			
243	"	243	154-082	Front Shield			
244	"	244	154-083	Front Shield			
245	"	245	154-084	Front Shield			
246	"	246	154-085	Front Shield			
247	"	247	154-086	Front Shield			
248	"	248	154-087	Front Shield			
249	"	249	154-088	Front Shield			
250	"	250	154-089	Front Shield			
251	"	251	154-090	Front Shield			
252	"	252	154-091	Front Shield			
253	"	253	154-092	Front Shield			
254	"	254	154-093	Front Shield			
255	"	255	154-094	Front Shield			
256	"	256	154-095	Front Shield			
257	"	257	154-096	Front Shield			
258	"	258	154-097	Front Shield			
259	"	259	154-098	Front Shield			
260	"	260	154-099	Front Shield			
261	"	261	154-100	Front Shield			
262	"	262	154-101	Front Shield			
263	"	263	154-102	Front Shield			

# ALIGNMENT INSTRUCTIONS

## IF ALIGNMENT

Pre-set the front panel controls as follows.							
DUMMY ANTENNA	SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	BAND SWITCH POS.	RADIO DIAL SETTING	OUTPUT METER	ADJUST	REMARKS
1. 1MFD	High side to Pin 1 (Grid) 748 (V4). Low side to chassis.	455KC	Band 1	1000KC	Across voice coil	A1, A2 A3, A4 A5, A6	Adjust for maximum output.
2.	Set reception switch at "CW" and adjust A7 for 1000v. note.						
	Set selectivity control to crystal/broad. Turn A4 slowly in one direction across the resonant setting obtained above and "lock" the signal generator observing the dip in the output meter reading. The correct setting of A4 is in center of the observed dip. Set the signal generator at the weaker of the two peaks obtained on either side of zero beat and adjust A8 (crystal phasing trimmer) for the null.						
4.	Set selectivity control to crystal/sharp and A9 near minimum capacity. Slowly increase its capacity while "rocking" the signal generator and adjust for maximum output. It may be necessary to reduce the signal generator input and the receiver sensitivity to prevent overloading. After peaking A9, turn it in until a 2 db. drop in output occurs.						
5.	Turn signal generator to the exact crystal frequency and note output meter reading. Set selectivity control to crystal/broad position and note the drop in output reading. Switch to crystal/broad position and with A10 pre-set near minimum capacity, slowly increase its capacity, while "rocking" the signal generator, until output meter reads half way between output readings obtained in the sharp crystal and broad crystal positions.						
6.	Set reception switch to "AM" and the selectivity control to crystal/sharp and set signal generator to the exact crystal frequency. Switch to normal/sharp position and reset A1, A2, A3, A5, A6, and A11 for maximum output.						
7.	Set reception switch to "CW" and adjust A7 for zero beat.						
DUMMY ANTENNA	SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	BAND SWITCH POS.	RADIO DIAL SETTING	OUTPUT METER	ADJUST	REMARKS
8. 1MFD	High side to Pin 1 (Grid) 748 (V4). Low side to chassis.	10.7MC (AM)	Band 3	Mid Scale	Across voice coil	A15, A17, A18, A14, A15, A16	Adjust for maximum output.
9. 1MFD	"	"	"	"	"	A17, A18	Adjust for maximum output. Do NOT readjust A12 thru A16.
10.	Remove 4000 modulation and set reception control to "FM". Adjust A19 for zero beat.						
11.	Add 4000 modulation, turn reception control to "FM" and adjust A20 for maximum output.						
12.	Adjust A21 for the null or minimum indication on the output meter. Slowly tune signal generator from 10.7MC and note the two maximum readings on the output meter. If the peaks are equal, the discriminator transformer is properly aligned. If not, it may be necessary to readjust A20 until reasonable balance is obtained.						

Connect signal generator high side thru RIA dummy to E1 on antenna terminal strip and place a jumper across the "A-E" and "V-M" terminals. Use only enough signal from generator to give a 500 milliwatt output reading for best results.  
The RIA dummy antenna consists of a 200MMF capacitor in series with a 200UL RF choke which is shunted by a 400MF capacitor in series with a 4000 carbon resistor.

DUMMY ANTENNA	SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	BAND SWITCH POS.	RADIO DIAL SETTING	OUTPUT METER	ADJUST	REMARKS
13. RIA Dummy	High side to "A1" on Ant. terminal strip. Low side to chassis.	1500KC	Band 1	1500KC	Across voice coil	A22, A23, A24, A25	Adjust for maximum output.
14. RIA Dummy	"	600KC	"	600KC	"	A26	" " " "
15. RIA Dummy	"	4.5MC	Band 2	4.5MC	"	A27, A28, A29	" " " "
16. RIA Dummy	"	2.0MC	"	2.0MC	"	A30	" " " "
17. RIA Dummy	"	14.0MC	Band 3	14.0MC	"	A31, A32, A33, A34	" " " "
18. RIA Dummy	"	7.0MC	"	7.0MC	"	A35, A36, A37, A38	" " " "
19. RIA Dummy	"	28.0MC	Band 4	28.0MC	"	A39, A40, A41, A42	" " " "
20. RIA Dummy	"	18.0MC	"	18.0MC	"	A43, A44, A45, A46	" " " "
21. 3000 carbon res.	High side thru 3000 to "A1". Low side to chassis.	50.0MC	Band 5	50.0MC	"	A47, A48, A49, A50	" " " "
22. 3000 carbon res.	"	30.0MC	"	30.0MC	"	A51, A52, A53, A54	" " " "
23. 3000 carbon res.	"	105MC	Band 6	105MC	"	A55, A56, A57, A58	" " " "
24. 3000 carbon res.	"	60MC	"	60MC	"	A59, A60, A61, A62	" " " "

## VOLTAGE READINGS

Item	Tube	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8
1	6CA1	0.0VDC	0V	0V	6.3VAC	0.0VDC	7.4VDC	0V	
2	6AD5	0V	1.6VDC	0V	6.3VAC	0.0VDC	1.6VDC	1.6VDC	
3	6AG5	-1.1VDC	1.6VDC	0V	6.3VAC	240VDC	1.6VDC	1.6VDC	
4	7W2	-2VDC	0V	8.8VDC	1VDC	0V	125VDC	8.8VAC	3-2.4VDC
5	6AK7	0V	6.3VAC	0V	0V	6.3VAC	100VDC	0V	640VDC
6	60007	0V	6.3VAC	6.3VAC	0V	6.3VDC	14.0VDC	0V	240VDC
7	2H2	0V	220VDC	220VDC	0V	0V	0V	0V	0.2VDC
8	7B7	0V	50VDC	50VDC	0V	0V	-5VDC	0V	6.3VAC
9	6AS11	0V	-0.7VDC	1.6VDC	-0.7VDC	0V	6.3VAC	0V	
10	9M4	0V	1.6VDC	0V	0V	0V	16.5VDC	240VDC	6.3VAC
11	6B6	0V	-0.7VDC	1.6VDC	0V	-0.7VDC	4.0VDC	0V	
12	6A2/2H7	0V	0.0VDC	0.0VDC	0V	0.0VDC	0.0VDC	0V	
13	6W6GT	0V	270VDC	240VDC	0V	0V	6.3VAC	14.0VDC	
14	6W6GT	0V	270VDC	240VDC	0V	0V	6.3VAC	14.0VDC	
15	OD6/VR-1C9	14.5VDC	0V	155VDC	0V	155VDC	0V	1.6VDC	0V
16	50K3	0V	50VDC	0V	removed	0V	270VAC	250VDC	260VDC

TAKEN WITH VACUUM TUBE VOLTMETER.

## RESISTANCE READINGS

Item	Tube	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8
1	6CA1	4500KΩ	0Ω	0Ω	.2Ω	500KΩ	4.7 Meg	.0Ω	
2	6AC5	2. Meg	Inf.	0Ω	.2Ω	#2.5KΩ	#2.5KΩ	170Ω	
3	6AG5	1.0Meg	1.2Ω	0Ω	.2Ω	*1.2KΩ	*0.7KΩ	170Ω	
4	7B7	2.1 Meg	0Ω	0Ω	0Ω	1500Ω	0Ω	.2Ω	10KΩ
5	6AK7	0Ω	.2Ω	0Ω	.2Ω	1.2Meg	370Ω	0Ω	*1.5KΩ
6	6SG7	0Ω	.2Ω	530Ω	2.6 Meg	530Ω	0Ω	0Ω	*1.5KΩ
7	2H2	0Ω	*11KΩ	*50KΩ	0Ω	.0Ω	0.2 Meg	1.0KΩ	.2Ω
8	2H2	0Ω	*450 KΩ	*60KΩ	0Ω	0Ω	240KΩ	0Ω	.2Ω
9	9M4	0Ω	0Ω	180KΩ	240KΩ	180KΩ	Inf.	.2Ω	0Ω
10	9A9	0V	4100KΩ	11Ω	.2Ω	Inf.	1450Ω	1.2Ω	.2Ω
11	6A6	0Ω	0Ω	12.2Meg	1.2 Meg	Inf.	1500Ω	2.8Ω	10KΩ
12	6SL2GT	1. Meg	4200KΩ	1.2KΩ	0.2Ω	220KΩ	1.2KΩ	.2Ω	0Ω
13	6W6GT	0Ω	0Ω	*200Ω	*200Ω	200Ω	1.2KΩ	.2Ω	220Ω
14	6W6GT	0Ω	0Ω	*200Ω	*200Ω	200Ω	50Ω	.2Ω	220Ω
15	OD6/VR-1C9	2.4KΩ	0Ω	*2.2KΩ	*2.2KΩ	removed	1.2Ω	*2.2KΩ	Inf.
16	50K3	Inf.	50KΩ	Inf.	.0Ω	Inf.	.0Ω	40KΩ	50KΩ

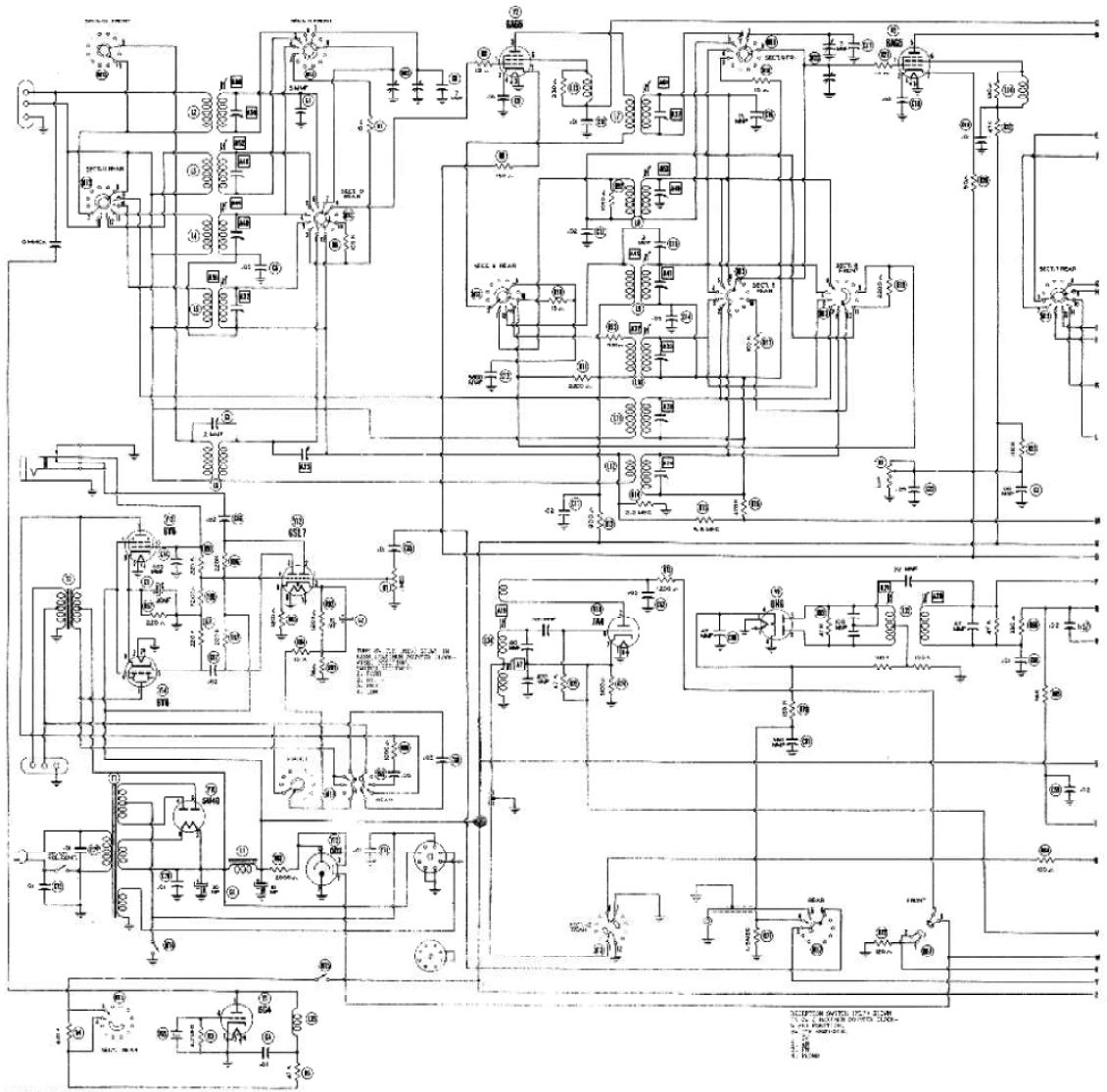
† VOLTAGE AND RESISTANCE READINGS TAKEN IN FM POSITION.

\* Measured from pin 5 of V16 (6L6GT)

† Taken in Band 2 position.

- DC Voltage measurements are at 20,000 ohms per volt; AC Voltages measured at 1,000 ohms.
- Socket connections are shown as bottom views.
- Measured values are from socket pin to common negative.

- Line voltage maintained at 117 volts for voltage readings.
- Nominal tolerance on component values makes possible a variation of ±15% in voltage and resistance readings.
- Volume control at maximum, no signal applied for voltage measurements.



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## VOLTAGE READINGS

Item	Tube	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8
1	6CA1	0.0VDC	0V	0V	6.3VAC	0.0VDC	7.4VDC	0V	
2	6AD5	0V	1.6VDC	0V	6.3VAC	0.0VDC	1.6VDC	1.6VDC	
3	6AG5	-1.1VDC	1.6VDC	0V	6.3VAC	240VDC	1.6VDC	1.6VDC	
4	7W2	-2VDC	0V	8.8VDC	1VDC	0V	125VDC	8.8VAC	3-2.4VDC
5	6AK7	0V	6.3VAC	0V	0V	6.3VAC	100VDC	0V	640VDC
6	62007	0V	6.3VAC	6.3VAC	0V	6.3VDC	14.0VDC	0V	240VDC
7	2H2	0V	220VDC	220VDC	0V	0V	0V	0V	0.2VDC
8	7B7	0V	50VDC	50VDC	0V	0V	-5VDC	0V	6.3VAC
9	6AB2	0V	0.2	-5.7VDC	1.8VDC	-5.7VDC	0V	6.3VAC	0V
10	9M4	0V	1.6VDC	0V	0V	0V	16.5VDC	240VDC	6.3VAC
11	6RS	0V	0.2	-1.6V	1.6V	0V	-1.6VDC	4.3VAC	0V
12	6A2/2H2	0V	0.0VDC	0.0VDC	0V	0.0VDC	0.0VDC	0V	
13	6W6GT	0V	2.0VDC	240VDC	0V	0V	6.3VAC	14.0VDC	
14	6W6GT	0V	2.0VDC	240VDC	0V	0V	6.3VAC	14.0VDC	
15	OD6/VR-130	14.5VDC	0V	155VDC	0V	155VDC	0V	1.6VDC	0V
16	50K3	0V	50VDC	0V	removed	0V	270VAC	250VDC	260VDC

TAKEN WITH VACUUM TUBE VOLTMETER.

## RESISTANCE READINGS

Item	Tube	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8
1	6CA1	4500KΩ	0Ω	0Ω	.2Ω	500KΩ	4.7 Meg	.0Ω	
2	6AC5	2. Meg	Inf.	0Ω	.2Ω	#2.5KΩ	#2.5KΩ	170Ω	
3	6AG5	1.0Meg	1.2Ω	0Ω	.2Ω	*1.2KΩ	*1.2KΩ	170Ω	
4	7B7	2.1 Meg	0Ω	0Ω	0Ω	1500Ω	0Ω	.2Ω	10KΩ
5	6AK7	0Ω	.2Ω	0Ω	.2Ω	1.2Meg	370Ω	0Ω	*1.5KΩ
6	6SG7	0Ω	.2Ω	530Ω	2.6 Meg	530Ω	0Ω	0Ω	*1.5KΩ
7	2H2	0Ω	*11KΩ	*50KΩ	0Ω	.0Ω	0.2 Meg	1.0KΩ	.2Ω
8	2H2	0Ω	*450 KΩ	*450 KΩ	0Ω	0Ω	240KΩ	0Ω	.2Ω
9	9M4	0Ω	0Ω	180KΩ	Inf.	180KΩ	Inf.	.2Ω	0Ω
10	9A4	0V	4100KΩ	1.9Ω	.2Ω	Inf.	180Ω	1.9Ω	.2Ω
11	6A6	0Ω	0Ω	12.2Meg	1.2 Meg	Inf.	150Ω	2.8Ω	1.0Ω
12	6SL2GT	1. Meg	*220KΩ	1.2KΩ	0.2Ω	220KΩ	1.2KΩ	.2Ω	0Ω
13	6W6GT	0Ω	0Ω	*200Ω	*200Ω	200Ω	1.2KΩ	.2Ω	220Ω
14	6W6GT	0Ω	0Ω	*200Ω	*200Ω	200Ω	.2Ω	220Ω	Inf.
15	OD6/VR-130	2.4KΩ	0Ω	*2.2KΩ	*2.2KΩ	removed	1.6Ω	*2.2KΩ	Inf.
16	50K3	Inf.	50KΩ	Inf.	.0Ω	Inf.	.0Ω	40KΩ	50KΩ

† VOLTAGE AND RESISTANCE READINGS TAKEN IN FM POSITION.

‡ Measured from pin 5 of V16 (6L6GT)

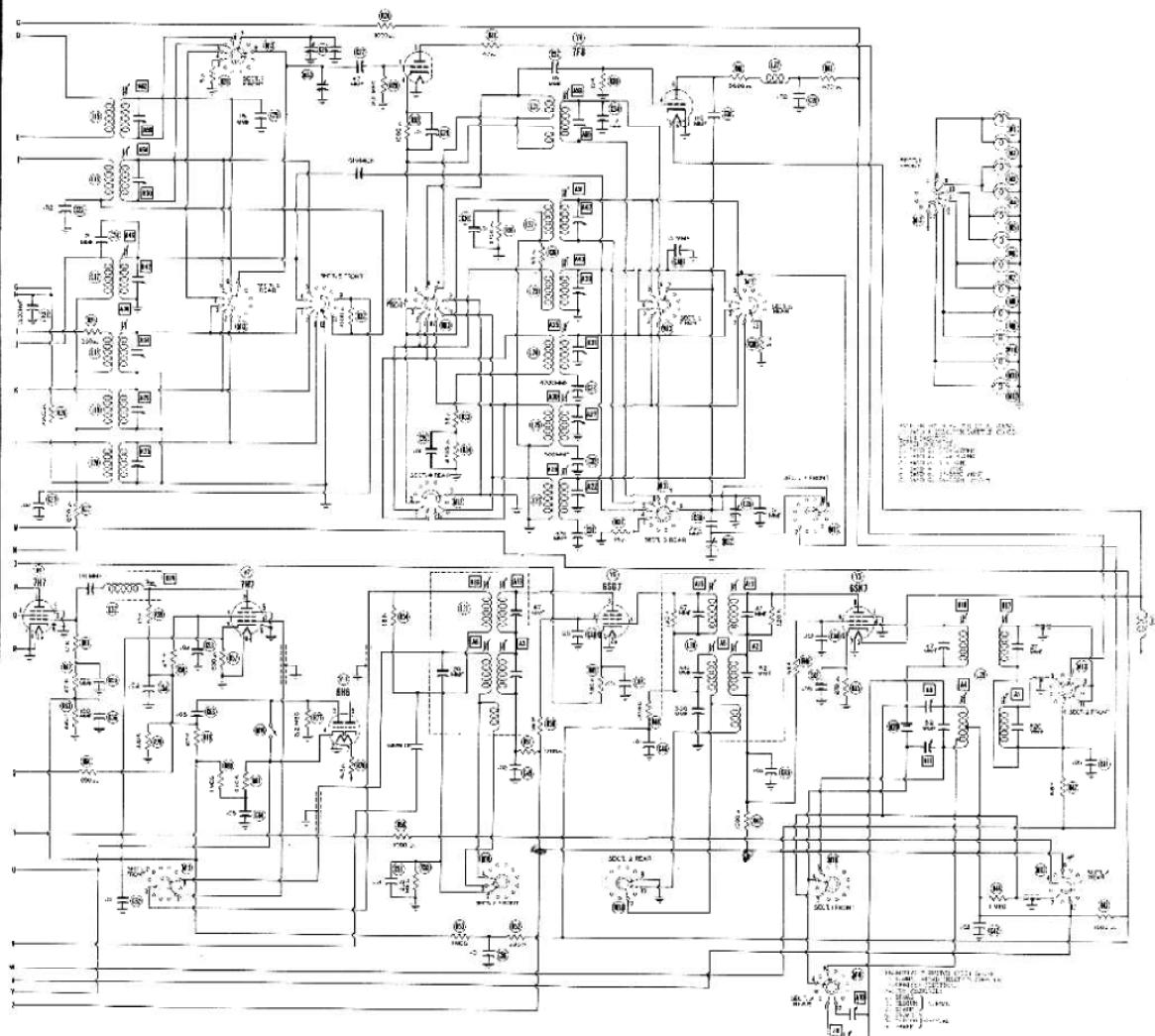
† Taken in Band 2 position.

- DC Voltage measurements are at 20,000 ohms per volt; AC Voltages measured at 1,000 ohms.
- Socket connections are shown as bottom views.
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**HALICRAFTERS  
MODEL SX-62**

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IF=455 KC AM

IF = 10.7 MC FM

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